

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11	physical\$4 same (mov\$3 or replac\$4 or switch\$4 or chang\$4 or substitud\$4) same ((fail\$4 or fault\$4 or malfunction or problem or error\$4 or defect\$4 or flaw\$4) adj router)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 12:17
L3	12	physical\$4 same (mov\$3 or replac\$4 or switch\$4 or chang\$4 or substitud\$4 or disconnect\$4) same ((fail\$4 or fault\$4 or malfunction or problem or error\$4 or defect\$4 or flaw\$4) adj router)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 12:18
L4	1	3 not 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 10:22
L5	1146	(370/351).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 10:49
L6	3668	(370/216-228,255,355,556).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 11:27
L7	625	(709/239).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 11:28
L8	12	(physical\$4 or (cold adj swap\$4)) same (mov\$3 or replac\$4 or switch\$4 or chang\$4 or substitud\$4 or disconnect\$4) same ((fail\$4 or fault\$4 or malfunction or problem or error\$4 or defect\$4 or flaw\$4) adj router)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 12:23
L9	0	8 not 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 12:20

L10	151	((physical\$4 or (cold adj swap\$4)) same (mov\$3 or replac\$4 or switch\$4 or chang\$4 or substitud\$4 or disconnect\$4)) and ((fail\$4 or fault\$4 or malfunction or problem or error\$4 or defect\$4 or flaw\$4) adj router)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 12:24
L11	2252	(backup or back\$1up or (back adj up) or standby or stand\$1by or redundan\$4 or spar\$4 or slave or master or primary or double or two or second\$4 or active or inactive) adj router	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 12:24
L12	14	10 and L11 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 12:25
L13	13	12 not 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 12:32
L14	27	10 and ("714"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 12:33
L15	74	10 and ("370"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 12:35
L16	55	10 and ("709"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 12:35
L17	111	(14 or 15 or 16) not (8 or 13)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 12:37

L18	7880	switch\$4 adj fabric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 12:37
L19	7	17 and L18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 12:37
S1	1935	(backup or back\$1up or (back adj up) or standby or stand\$1by or redundan\$4 or spar\$4 or slave or master or primary or double or two or second\$4) adj router	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 12:14
S2	21791	(backup or back\$1up or (back adj up) or standby or stand\$1by or redundan\$4 or spar\$4 or slave or master or primary or double or two or second\$4) adj processor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 12:16
S3	7105	switch\$4 adj fabric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 12:01
S4	129	(replac\$4 or switch\$4 or chang\$4 or substitud\$4) same ((fail\$4 or fault\$4 or malfunction or problem or error\$4 or defect\$4 or flaw\$4) adj router)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 12:07
S5	3	S1 and S2 and S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 12:08
S6	2000	(backup or back\$1up or (back adj up) or standby or stand\$1by or redundan\$4 or spar\$4 or slave or master or primary or double or two or second\$4 or active or inactive) adj router	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 12:19

S7	22530	(backup or back\$1up or (back adj up) or standby or stand\$1by or redundan\$4 or spar\$4 or slave or master or primary or double or two or second\$4 or active or inactive or mirror) adj processor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 12:17
S8	4	(backup or back\$1up or (back adj up) or standby or stand\$1by or redundan\$4 or spar\$4 or slave or master or primary or double or two or second\$4 or active or inactive) adj router adj card	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 12:44
S9	2	(card adj array) same ((backup or back\$1up or (back adj up) or standby or stand\$1by or redundan\$4 or spar\$4 or slave or master or primary or double or two or second\$4 or active or inactive) adj router adj5 card)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 13:00
S10	3	S2 and S3 and S4 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 13:30
S11	11	S6 and S7 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 13:57
S12	24	"6266335"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 14:00
S13	12	((("6266335") or ("6754220") or ("5361259") or ("6397260") or ("6556547") or ("20020018477"))). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/16 14:28
S14	79	S6 and S7 and (("714"/\$.ccls.) or ("370"/\$.ccls.))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 14:30

S15	94	S6 and S7 and (("714"/\$.ccls.) or ("370"/\$.ccls.) or (709/2\$.ccls.))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 14:31
S17	94	S15 and (@AD <"20020109" or RLAD <"20020109" or PRAD <"20020109")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 14:35
S18	10	S17 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 14:35
S19	2	S18 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 14:36
S20	4	S18 and (card or board or array or chasis) near2 router	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 14:37
S21	702	714/43.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 16:55
S22	42	(mitchell-arthur\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 16:56
S23	2176	(backup or back\$1up or (back adj up) or standby or stand\$1by or redundan\$4 or spar\$4 or slave or master or primary or double or two or second\$4) adj router	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 16:57

S24	23001	(backup or back\$1up or (back adj up) or standby or stand\$1by or redundan\$4 or spar\$4 or slave or master or primary or double or two or second\$4) adj processor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 16:57
S25	7871	switch\$4 adj fabric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 16:57
S26	15	S23 and S24 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 16:57
S27	149	(replac\$4 or switch\$4 or chang\$4 or substitud\$4) same ((fail\$4 or fault\$4 or malfunction or problem or error\$4 or defect\$4 or flaw\$4) adj router)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 09:56
S28	2250	(backup or back\$1up or (back adj up) or standby or stand\$1by or redundan\$4 or spar\$4 or slave or master or primary or double or two or second\$4 or active or inactive) adj router	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 16:57
S29	23772	(backup or back\$1up or (back adj up) or standby or stand\$1by or redundan\$4 or spar\$4 or slave or master or primary or double or two or second\$4 or active or inactive or mirror) adj processor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 16:57
S30	105	S28 and S29 and (("714"/\$.ccls.) or ("370"/\$.ccls.) or (709/2\$.ccls.))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 16:57
S31	105	S30 and (@AD <"20020109" or RLAD <"20020109" or PRAD <"20020109")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 16:57

S32	12	S31 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 16:57
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#10	(( physically or (cold swap?)<in>metadata ) <and> ( (disconnect? or move or moving or chang? or substitud? or replac? or switch? )<in>metadata ) )<and> ( router<in>metadata )		9
#11	(( (fail? or fault? or malfunction or problem or error\$4 or defect? or flaw?)<in>metadata ) <and> ( router<in>metadata ) )<and> ( physically move or physicall replace or physically disconnect or physically substitute <in>metadata )		1
#12	(( (fail? or fault? or malfunction or problem or error\$4 or defect? or flaw?)<in>metadata ) <and> ( router<in>metadata ) )<and> ( physically move or physicall replace or physically disconnect or physically substitute <in>metadata )		1
#13	(( (fail? or fault? or malfunction or problem or error\$4 or defect? or flaw?)<in>metadata ) <and> ( router<in>metadata ) )<and> ( physically move or physicall replace or physically disconnect or physically substitute <in>metadata )		1

(( (fail? or fault? or malfunction or problem or error\$4 or defect? or flaw?)

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**1. Systolic routing hardware: performance evaluation and optimization**

Rutenbar, R.A.; Atkins, D.E.;

Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on  
Volume 7, Issue 3, March 1988 Page(s):397 - 410

Digital Object Identifier 10.1109/43.3173

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IEEE CNF IEEE Conference Proceeding

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IEEE STD IEEE Standard

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Rajagopalan, B.; Pendarakis, D.; Saha, D.; Ramamoorthy, R.S.; Bala, K.;  
Communications Magazine, IEEE  
Volume 38, Issue 9, Sept. 2000 Page(s):94 - 102  
Digital Object Identifier 10.1109/35.868148  
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Wolkotte, P.T.; Smit, G.J.M.; Rauwerda, G.K.; Smit, L.T.;  
Parallel and Distributed Processing Symposium, 2005. Proceedings. 19th IEEE International  
04-08 April 2005 Page(s):155a - 155a  
Digital Object Identifier 10.1109/IPDPS.2005.95  
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Local and Metropolitan Area Networks, 2004. LANMAN 2004, The 13th IEEE Workshop on  
25-28 April 2004 Page(s):205 - 210  
Digital Object Identifier 10.1109/LANMAN.2004.1338432  
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Thermal and Thermomechanical Phenomena in Electronic Systems, 2004. ITherm '04, The Ninth  
Conference on  
1-4 June 2004 Page(s):171 - 177 Vol. 1  
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- ☐ 5. **WDM knockout switch with multi-output-port wavelength-channel selectors**  
Misawa, A.; Sasayama, K.; Yamada, Y.;  
Lightwave Technology, Journal of  
Volume 16, Issue 12, Dec. 1998 Page(s):2212 - 2219  
Digital Object Identifier 10.1109/50.736587  
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- ☐ 6. **Optimizing profit and performance for multi-homed mobile hotspots**  
Chung, A.Y.T.; Hassan, M.;

Communications, 2005. ICC 2005. 2005 IEEE International Conference on  
Volume 2, 16-20 May 2005 Page(s):924 - 928 Vol. 2  
Digital Object Identifier 10.1109/ICC.2005.1494485

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**7. RGB: a scalable and reliable group membership protocol in mobile Internet**

Guojun Wang; Jiannong Cao; Chan, K.C.C.;  
Parallel Processing, 2004. ICPP 2004. International Conference on  
2004 Page(s):326 - 333 vol.1  
Digital Object Identifier 10.1109/ICPP.2004.1327939

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**8. Seamless mobility support for mobile networks on vehicles across heterogeneous wireless**

Eun Kyoung Paik; Yanghee Choi;  
Vehicular Technology Conference, 2003. VTC 2003-Spring. The 57th IEEE Semiannual  
Volume 4, 22-25 April 2003 Page(s):2437 - 2441 vol.4  
Digital Object Identifier 10.1109/VETECS.2003.1208828

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**9. Using mobile agents for off-line communication among mobile hosts in a large, highly-mobi**

Bandyopadhyay, S.; Paul, K.;  
Personal Wireless Communication, 1999 IEEE International Conference on  
17-19 Feb. 1999 Page(s):88 - 92  
Digital Object Identifier 10.1109/ICPWC.1999.759591

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